

### SEYCHELLES METEOROLOGICAL AUTHORITY

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# SEASONAL CLIMATE OUTLOOK FOR APRIL - MAY – JUNE 2025

## 1. Prevailing global climate conditions

### 1.1 The El Niño–Southern Oscillation (ENSO)

Recent observations of sea surface temperatures across the equatorial Pacific indicate that the weak La Niña conditions (*characterized by cooler-than-average SSTs*) are transitioning toward the El Niño–Southern Oscillation neutral phase (*ENSO-neutral*) as of mid-March 2025. Forecast models suggest that ENSO-neutral conditions are likely to develop in the coming month and are expected to persist through the June to August 2025 period, with a 62% probability. (see *Figure 1*).



Figure 1: Forecasted Nino 3.4 Index (Source: Official NOAA CPC)

### 1.1 The Indian Ocean Dipole (IOD)

The Indian Ocean Dipole (IOD) is in a neutral phase. The IOD is forecasted to remain neutral throughout the forecast period (April to June 2025). (*see Figure 2*)



Figure 2: Observed and Forecasted IOD Index (Source: BoM)

#### 2. Seasonal Climate Outlook for April-May-June 2025

For the April–May–June 2025, rainfall is expected to be near normal overall. However, a tendency toward below-normal (Normal to Below Normal) rainfall is anticipated over the central and southern areas of Mahe, as well as over Praslin and La Digue. In contrast, the northern region of Mahe is likely to experience normal to above-normal rainfall. *(see Figure 3)* 

Meanwhile, average temperatures are forecasted to remain above normal for the upcoming quarter (April-May-June 2025).



Figure 3: Rainfall Forecast for April-May-June 2025

The table below gives a summary of climatological statistics for the April-May-June based on the expected conditions.

	North	Central	South	Praslin
Average AMJ rainfall (mm)	[525.7 - 834.7]	[343.4 - 547.9]	[289 - 441]	[211.8 - 362.5]
Number of Rainy days (days)	[49 - 58]	[37 - 50]	[33 - 42]	[23 - 29]
Number of days when Rainfall >10mm ( <i>days</i> )	[16 - 23]	[10 - 16]	[8 - 12]	[6 - 10]

#### 3. Climatology of April-May-June

The map illustrates the spatial distribution of rainfall in the Seychelles for the April to June period from 1991 to 2020. Rainfall is measured in millimeters (mm) and represented using a color gradient, where dark blue indicates higher rainfall amounts and orange represents lower values.

The rainfall over central, eastern, and western Mahe generally ranges between 500 mm and 650 mm. In contrast, the northern and southern extremities of the island tend to receive less rainfall, with amounts falling below 450 mm. A gradual decline in rainfall is evident when moving away from the central region toward the island's northern and southern tips. Meanwhile, Praslin and La Digue record lower seasonal totals, ranging between 300 mm and 400 mm.



Figure 4: Climatology of April-May-June rainfall (1991-2020)

**NOTE**: This Outlook applies specifically to seasonal timescales (three-month overlapping periods) and may not fully capture intra-seasonal (month-to-month) variations. Therefore, it is highly recommended to use this seasonal forecast alongside the daily and weekly forecasts provided by the Seychelles Meteorological Authority.